Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Saturday 24 Sep 2022 until 23:59 on Sunday 25 Sep 2022

Forecast Issued on Friday 23 Sep 2022 at 14:13

Confidence: High confidence for drier and cooler conditions at first, with a change to unsettled and windy conditions early next week. Lower confidence for timings of rain and showers next week.

Headline for Saturday 24 Sep 2022: Sunny spells and scattered showers, after a dry start. Feeling cool.

Mountain weather hazards on Saturday 24 Sep 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Sunny	Sunny intervals	Light rain showers	Light rain showers	Partly cloudy (night)	Clear night
Precipitation probability							
<05%	<05%	<05%	10%	20%	20%	<05%	<05%

Forecast for Saturday 24 Sep 2022

Weather: Dry with clear skies overnight, and feeling cool. Some mist and fog patches are likely to form in valleys by dawn, although these will soon lift and clear. The clouds will soon bubble up from mid-morning to give a mixture of sunny spells and some scattered light showers. However, any showers should fade during the afternoon, with more in the way of sunshine developing. Dry with clear skies by the evening.

Chance of cloud-free hill tops above 600m: 60% improving to above 90% by mid-morning and outside of the showers.

Low cloud and visibility: Fog in the valleys may form banks of low cloud as it lifts and breaks, briefly shrouding higher summits. By mid-morning, cloud is expected to lift clear of summits. In the vicinity of showers, cloud bases may lower to around 500m, otherwise summits will be cloud free. Visibility very poor in any fog soon becoming very good, with brief deteriorations in any showers.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Saturday 24 Sep 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/10 N	6/9 N	7/12 NE	13/18 NE	15/22 NE	16/24 NE	13/21 NE	12/20 NE	10/16 N
300	4/7 W	5/8 W	4/7 W	7/11 NE	12/19 NE	13/21 NE	9/18 NE	9/17 NE	6/9 N
Valley	3/8 N	4/8 N	3/8 N	6/13 NE	10/20 NE	11/22 NE	8/20 NE	8/19 NE	4/13 N

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/6	7/5	6/4	7/4	9/6	9/6	8/5	6/3	5/2
300	10/9	9/8	8/7	10/9	12/10	12/10	11/9	9/6	8/6
Valley	10/9	8/8	7/6	11/10	13/11	13/11	11/9	9/7	8/6
Freezing Level*	1700m	1600m	1500m	1600m	1600m	1600m	1600m	1400m	1400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Valley fog and low cloud will give poor visibility at the start of the day. Elevated UV levels are expected during the afternoon.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 22 Sep 2022	0.2mm	0.2mm	0.2mm

Forecast for Sunday 25 Sep 2022

Weather: Dry with clear skies overnight, leading to some isolated mist and fog patches forming in places, especially in the valleys by dawn. Any early mist and fog patches will soon lift and clear to leave a mostly fine day, with some sunny spells. However, the cloud will increase from the northwest during the afternoon, although it should remain dry until later in the evening, with outbreaks of rain, heavy at times, are likely to arrive by midnight.

Maximum wind: North to northeast 15-20mph, gusting 25-30mph at first. Becoming west to northwesterly 10-15mph, gusting 25mph during the day, increasing 15-20mph, with gusts up to 25-30mph by the evening.

Chance of cloud-free hill tops above 600m: 60% improving to above 90% by mid-morning. Deterorating down to 40% by the evening.

Low cloud and visibility: Fog in the valleys may form banks of low cloud as it lifts and breaks, briefly shrouding higher summits. By mid-morning, cloud is expected to lift clear of summits. Cloud bases may lower to 500m as cloud increases from the northwest by the evening. Visibility poor in any early morning fog, soon becoming very good.

Temperature: **Valleys:** Plus 6 Celsius, becoming Plus 12 Celsius.
At 600m: Plus 5 Celsius, becoming Plus 9 Celsius.
Freezing level: Above the summits.

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